

In the claims:

Substitute the following claims for the claims currently on file.

1. (Original) A heat sink hand placement tool, comprising:
 - a heat sink interface block having a lower surface adapted to provide a force on a heat sink disposed over an integrated circuit (IC);
 - a force transducer interfacing with an upper surface of said heat sink interface block for producing an electrical signal;
 - a measurement circuit for measuring said electrical signal; and
 - a chassis disposed over said force transducer and said measurement circuit, wherein said chassis is adapted to receive a force from a user, said force being transmitted to said lower surface of said heat sink interface block, and said measurement circuit provides an indication of said force being within a predetermined range.
2. (Original) The tool of claim 1 further comprising an extension rod having a first end coupled to said upper surface of said heat sink interface block and a second end coupled to said force transducer.
3. (Original) The tool of claim 2 wherein said force transducer comprises:
 - a cantilever beam interfacing with said second end of said extension rod;
 - at least one strain gauge coupled to said cantilever for producing said electrical signal in response to said cantilever beam deflecting from said force.
4. (Original) The tool of claim 3, wherein said force transducer further comprises:
 - a mounting member;
 - said cantilever beam having a first end and a second end, said first end flexibly coupled to said mounting member; and
 - said at least one strain gauge comprises a pair of strain gauges, each strain gauge respectively attached on opposing sides of the first end of said cantilever beam proximate said mounting member.

5. (Original) The tool of claim 4, wherein the second end of said cantilever beam is U-shaped and circumscribes a portion of the second end of said extension rod.
6. (Original) The tool of claim 5, wherein the second end of said cantilever comprises: a pair of tongs circumscribing said portion of the second end of said extension rod; and a retainer pin extending through said pair of tongs and the second end of the extension rod, thereby forming a pin joint therebetween.
7. (Original) The tool of claim 6, wherein said pin joint allows a transmission of torque applied at the chassis to the heat sink interface block, via the extension rod.
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